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Sent: Wednesday, June 16, 2021 9:58 PM
To: Evans, Jonathan <jonathan.a.evans@dot.nh.gov>
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Subject: Public Meeting -Docket No. 2021-02, June 17th

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Dear Presiding Officer Evans & Subcommittee Counsel Turner,

Thank you for allowing public input to your committee.

You have heard or will hear from a variety of experts, affected parties, biased parties, unbiased parties, etc., on measuring the sound of the industrial wind turbines. However, when you take a step back, what are we really talking about? Are the current rules confusing? We all learned about averages, ranges of data with their highs and lows, et al, in school as well as professionally and in life, so I do not understand why we are having a discussion about what the rules mean.

For example, when I'm driving on the highway, when the speed limit says that the maximum speed limit is 70 miles per hour, is it OK for me to sometimes go 100 miles an hour even if it is for one minute or even one second.

Another example, regarding blood alcohol levels when driving, a person's blood alcohol level is at 0 before s/he starts drinking, but after three drinks it is over .08. Should that be averaged?

A third example is that there is a motorcycle noise ordinance which is specific as are the Rules: 92 decibels when operating at idle speed, 100 decibels for 3 or 4 cylinder motorcycles when operating at 5,000 rpm or 75% of maximum engine speed, 96 decibels for all other motorcycles when operating at 2,000 rpm or 75% of maximum engine speed. Should a motorcycle's noise be averaged for an hour or even 5 minutes?

And I can go on and on with examples where averaging is not at all appropriate. And, as you can see, this is neither rocket science or advanced calculus, but simple and practical math. The SEC Rules for siting wind turbines are very specific because when they were developed, each Rule was discussed at length and many people contributed their expertise and time; and, the Rules do NOT include 1-hour averaging or any type of averaging, nor was that ever the intent.

Turbine noise is NOT steady: instrumentation will show you that and you can hear it as well. Hourly averaging of the turbine noise will provide the option for industrial wind turbine companies to break the SEC Rules by allowing them to exceed the sound threshold, which was never the intent of these rules. Your role is to protect those living in the shadows of the Antrim Wind turbines, so please do it and enforce the existing rules.

Thank you,

Karen Lukeman
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